

**Serial No. 10/629445****Filed 07/29/2003****Art Unit 2863****Examiner Meagan Walling****Fax No. 571-273-2283****PROPOSED CLAIM AMENDMENTS**

1. (Currently amended) A method of enabling on-site calibration of an instrument any of a plurality of instruments that measures measure vibration in a machine to assure that the instrument functions within instrument performance specifications, comprising the steps of
  - a. providing a calibration device capable of calibrating any of the plurality of said instruments,
  - b. providing a selected one of said instruments that measures vibration of a machine,
  - b. c. providing a database having a calibration procedure for said the selected instrument,
  - c. d. connecting the calibration device to the selected instrument while the instrument is on-site,
  - d. e. connecting the calibration device to the database, and
  - e. f. accessing the calibration procedure for the selected instrument in the database to cause the calibration device to calibrate the selected instrument.
2. The method of claim 1, including the steps of
  - c.1. providing the database on portable storage media, and
  - c.2. providing an on-site media access device for enabling the calibration device to access the database on the portable storage media.
3. The method of claim 1, including the steps of
  - c.1. providing the database at an internet-accessible remote site, and
  - c.2. providing on-site internet access for connection to the database at the internet-accessible remote site.
4. The method of claim 3, including the steps of
  - c.3. providing password-activated access to the remote site database, and

- c.4. providing a password enabling on-site access to the remote database via the internet.
5. The method of claim 1, including the steps of  
f. providing on-site means for printing a certificate of calibration, and  
g. printing said certificate upon successful calibration of the instrument.
6. The method of claim 1, wherein the database includes calibration procedures for a plurality of different instruments.
7. (Currently amended) Apparatus for enabling on-site calibration of an instrument any selected one of a plurality of instruments that measures measure vibrations in machines vibration in a machine to assure that the said one instrument functions within instrument performance standards, comprising a calibration device capable of calibrating the any of the plurality of said instruments, a database having a calibration procedure for any of the plurality of said instruments, means for connecting the calibration device to a selected one of the instruments while the instrument is on-site, means for connecting the calibration device to the database to access the calibration procedure for the selected instrument in the database to cause the calibration device to calibrate the selected instrument.
8. The apparatus of claim 7, including portable media containing the database, and wherein the means for connecting the calibration device to the instrument includes a portable computer for accessing the portable media on-site.
9. The apparatus of claim 7, including a computer located off-site and containing the database, Internet access means for accessing the database via the internet, and password-protection means for limiting access to the database via the internet.
10. The apparatus of claim 9, including password protection means limiting access to the off-site computer database.